

REMARKS

Claims 1-19 are pending in the application. Claims 1-19 were rejected. Claims 1, 8, 15 and 18 have been amended.

Claims 1-5, 8-12, and 18-19 were rejected under 35 U.S.C. §102(e) as being anticipated by Yokomizo et al. U.S. Patent No. 5,907,835 (hereinafter "Yokomizo"). Claims 6-7 and 13-17 are rejected under 35 U.S.C. §103(a) as being unpatentable over Yokomizo.

Claim Rejections Under 35 U.S.C. § 102(e)

Claims 1-5, 8-12, and 18-19 were rejected under 35 U.S.C. §102(e) as being anticipated by Yokomizo. Yokomizo discloses an electronic filing system that handles files prepared by different application programs by converting each file into the print data format used by the print driver.

Applicants respectfully submit that Yokomizo fails to disclose extracting information from the representation having a modified format generated by the printer driver module for output by a printer, as claimed in claims 1 and 8 and in amended claim 18. Yokomizo states:

The drawing information, transmitted from each application program activatable by the computer system, is converted into a predetermined print data format, defined by the operating system, by the printer driver. Then the QuickDraw-common document conversion device converts the print data, converted into the predetermined print data format, into the common document file format which can be directly referred to by the plural application programs, and the common document in thus converted common document file format is stored in the data base.

(Yokomizo, Abstract).

In other words, the system of Yokomizo converts the print data format into a common document format before any keyword search is applied to the documents. Therefore, no information is extracted from the print data format but rather only from the second common document format.

Additionally, examiner disagrees with applicants' statement that the filing driver in Yokomizo is separate from the printer driver. Examiner states that by emulating the printer driver, the filing driver performs as a printer driver. Applicant would note that the filing driver does not emulate the printer driver in generating a modified file having a modified format for output by a printer. Yokomizo states:

The filing driver emulates the printer driver, and can realize the GDI printer or the bit map printer by declaring so.
(Yokomizo, Col. 10, Line 35-37).

In other words, Yokomizo discloses the filing driver emulating a printer driver in its ability to detect the presence of a printer, not by generating a modified file having a modified format for output by a printer.

Applicants respectfully submit, therefore, that elements of claims 1, 8, and 18 are neither shown nor suggested by the cited reference. Claims 2-5, 9-12 and 19 depend from and further define claims 6 and 13.

Based on the amendments and arguments above, reconsideration and withdrawal of the rejection of claims 1-5, 8-12, and 18-19 under 35 U.S.C. §102(e) is respectfully requested.

Claim Rejections Under 35 U.S.C. § 103(a)

Claims 6-7 and 13-17 are rejected under 35 U.S.C. §103(a) as being unpatentable over Yokomizo. As stated above, Yokomizo does not disclose extracting information from the representation having a modified format generated by the printer driver module for output by a printer, as claimed in claims 6-7, 13-14, and 16-17 through their dependence on claim 1, claim 8 and amended claim 15, respectively.

Based on the amendments and arguments above, reconsideration and withdrawal of the rejection of claims 6-7 and 13-17 under 35 U.S.C. §103(a) is respectfully requested.

CONCLUSION

For all the above reasons, the Applicant respectfully submits that this application is in condition for allowance. A Notice of Allowance is earnestly solicited.

The Examiner is invited to contact the undersigned at (408) 975-7500 to discuss any matter concerning this application. The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. §1.16 or §1.17 to Deposit Account No.

11-0600.

Respectfully submitted,

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Amended Claims –Version With Markings to Show Changes Made

1. (Twice Amended) A method for extracting information from a file, comprising:
processing a file with a printer driver module to generate a representation having a modified format for output by a printer; and
extracting information from said representation.

8. (Twice Amended) A set of instructions residing in a storage medium, said set of instructions capable of being executed by a processor to implement a method for extracting information from a file, the method comprising:
processing a file with a printer driver module to generate a modified file having a modified format for output by a printer; and
extracting information from said modified file.

15. (Thrice Amended) A system for extracting information from a file, comprising:
a cataloging device, said cataloging device including a processor adapted to be connected to a computer readable memory;
an extraction application module included within said computer readable memory;
an extraction printer driver module included within said computer readable memory,
the extraction printer driver module to convert printing instructions from the extraction application module into a format for output by a printer;
a searching application module included within said computer readable memory, the searching application to search for information from the converted printing instructions; and
a database adapted to be connected to said cataloging device.

18. (Thrice Amended) An apparatus for extracting information from a file, comprising:
a processor;
a computer readable memory connected to said processor;

an extraction application module included within said computer readable memory;
[and]

an extraction printer driver module included within said computer readable memory,
the extraction printer driver module to convert printing instructions from the extraction
application module into a format for output by a printer; and

a searching application module included within said computer readable memory, the
searching application to search for information from the converted printing instructions.